

To: Smith, Paula[Smith.Paula@epa.gov]; Harrison, Melissa[Harrison.Melissa@epa.gov]; Faulk, Libby[Faulk.Libby@epa.gov]; Mylott, Richard[Mylott.Richard@epa.gov]
From: Card, Joan
Sent: Tue 8/11/2015 1:19:42 PM
Subject: Fwd: Additional Gold King Mine statement/update 8/10

See below.

Joan Card
Senior Policy Advisor
Region 8

Sent from my EPA iPhone

Begin forwarded message:

From: "Card, Joan" <Card.Joan@epa.gov>
Date: August 11, 2015 at 7:16:18 AM MDT
To: "Ostrander, David" <Ostrander.David@epa.gov>
Cc: "McGrath, Shaun" <McGrath.Shaun@epa.gov>
Subject: Fwd: Additional Gold King Mine statement/update 8/10

David, See CDPHE's request. I'll wait for your answer, but obviously need to know answer as soon as possible.

Joan Card
Senior Policy Advisor
Region 8

Sent from my EPA iPhone

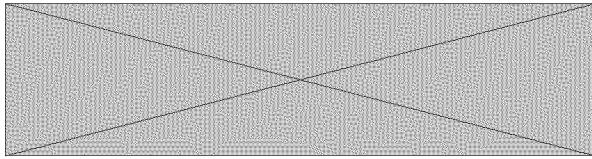
Begin forwarded message:

From: Patrick Pfaltzgraff - CDPHE <patrick.j.pfaltzgraff@state.co.us>
Date: August 11, 2015 at 7:12:25 AM MDT
To: "Card, Joan" <Card.Joan@epa.gov>
Cc: "Bahrman, Sarah" <Bahrman.Sarah@epa.gov>
Subject: Re: Additional Gold King Mine statement/update 8/10

Can we get your data?

Sent from mobile device. Apologies for brevity and spelling.

Patrick J. Pfaltzgraff
Division Director



P 303.692.3509 | F 303.782.0390
4300 Cherry Creek Drive South, Denver, CO 80246
patrick.j.pfaltzgraff@state.co.us | www.colorado.gov/cdphe/wqcd

24-hr Environmental Release/Incident Report Line: 1.877.518.5608

On Aug 11, 2015, at 6:21 AM, Card, Joan <Card.Joan@epa.gov> wrote:

Pat, we have more data coming in today so not ready to advise opening yet. Please don't use in that way until we can get you the answers to the specific questions you've asked.

Joan Card
Senior Policy Advisor
Region 8

Sent from my EPA iPhone

On Aug 11, 2015, at 6:13 AM, Patrick Pfaltzgraff - CDPHE <patrick.j.pfaltzgraff@state.co.us> wrote:

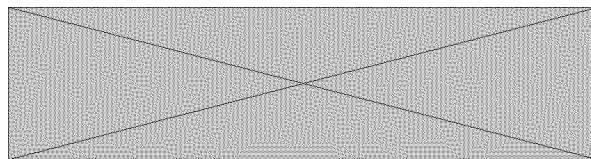
Joan/Sarah,

Am I reading this right that you believe the human health impact to recreational contact is low? Do you all believe that the SJBHD can recommend reopening the Animas to recreational use? We also have data that may indicate the same.

Pat

Sent from mobile device. Apologies for brevity and spelling.

Patrick J. Pfaltzgraff
Division Director



P 303.692.3509 | F 303.782.0390

4300 Cherry Creek Drive South, Denver, CO 80246
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24-hr Environmental Release/Incident Report Line: [1.877.518.5608](tel:1.877.518.5608)

Begin forwarded message:

From: "Cristiano, Gina" <Cristiano.Gina@epa.gov>
Date: August 11, 2015 at 3:15:13 AM MDT
To: Megan Crandall <mcrandal@blm.gov>, Donald Hoffheins <dhoffhei@blm.gov>, "larry.wolk@state.co.us" <larry.wolk@state.co.us>, "Urdiales, Aaron" <Urdiales.Aaron@epa.gov>, "Ackerman, Joyce" <Ackerman.Joyce@epa.gov>, "Allen, HarryL" <Allen.HarryL@epa.gov>, "Allison.Majure@state.nm.us" <Allison.Majure@state.nm.us>, "Bahrman, Sarah" <Bahrman.Sarah@epa.gov>, "Bohan, Suzanne" <bohan.suzanne@epa.gov>, "bsmartinez@fs.fed.us" <bsmartinez@fs.fed.us>, "Buhl, Rick" <Buhl.Rick@epa.gov>, "Butch Knowlton-LaPlata Co EM" <knowltonbk@co.laplata.co.us>, "Card, Joan" <Card.Joan@epa.gov>, "Chavez, Luke" <Chavez.Luke@epa.gov>, "Copeland, Michael" <Copeland.Michael@epa.gov>, "Crossland, Ronnie" <Crossland.Ronnie@epa.gov>, "dariotti@utah.gov" <dariotti@utah.gov>, "david.kreutzer@state.co.us" <david.kreutzer@state.co.us>, "david.kurz@state.co.us" <david.kurz@state.co.us>, "Dhieux, Joyel" <Dhieux.Joyel@epa.gov>, "dietrich@utah.gov" <dietrich@utah.gov>, "director@sjcph.org" <director@sjcph.org>, "doug.jamison@state.co.us" <doug.jamison@state.co.us>, "dspangler@utah.gov" <dspangler@utah.gov>, "dwong@utah.gov" <dwong@utah.gov>, "egaddis@utah.gov" <egaddis@utah.gov>, "Eoc, Epahq" <Eoc.Epahq@epa.gov>, "Faulk, Libby" <Faulk.Libby@epa.gov>, "Foster, Althea" <Foster.Althea@epa.gov>, "Garcia, David" <Garcia.David@epa.gov>, "gary.baughman@state.co.us" <gary.baughman@state.co.us>, "Gleason, Michael" <Gleason.Michael@epa.gov>, "greg.naugle@state.co.us" <greg.naugle@state.co.us>, "Griswold, Hays" <Griswold.Hays@epa.gov>, "Hayes, Mark" <hayes.mark@epa.gov>, "Hestmark, Martin" <Hestmark.Martin@epa.gov>, "jason.king@state.co.us" <jason.king@state.co.us>, Joshua Allan - BIA <joshua.allan@bia.gov>, "Kahn, Lisa" <Kahn.Lisa@epa.gov>, "karin.mcgowan@state.co.us" <karin.mcgowan@state.co.us>, "KBousfield@utah.gov" <KBousfield@utah.gov>, "Kortuem, Patrice" <Kortuem.Patrice@epa.gov>, "kshelley@utah.gov" <kshelley@utah.gov>, "Land, Kelcey" <Land.Kelcey@epa.gov>, "Laura.Rendon@state.nm.us" <Laura.Rendon@state.nm.us>, "Liane Jollon - San Juan Basin HD" <ljollon@sjbhd.org>, "llamb@utah.gov" <llamb@utah.gov>, "Lloyd, Lisa" <Lloyd.Lisa@epa.gov>, "Logan, Paul" <Logan.Paul@epa.gov>, "Madigan, Andrea" <Madigan.Andrea@epa.gov>, "martha.rudolph@state.co.us" <martha.rudolph@state.co.us>

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Cc: "Freed, Chris" <Freed.Chris@epa.gov>

Subject: Additional Gold King Mine statement/update 8/10

All,

The following information is also being released:

EPA has compared the surface water quality data collected on August 5 and 6 to screening levels for human health developed by EPA. The screening levels for human incidental ingestion during recreation are based on an exposure duration totaling 60 days, 8 hours/day. The State of Colorado has developed screening levels for agricultural exposure. The screening levels for agricultural exposure are

based on an exposure duration totaling 30 days.

Based on the data we have seen so far, EPA and ATSDR do not anticipate adverse health effects from exposure to the metals detected in the river water samples from skin contact or incidental (unintentional) ingestion. Similarly, the risk of adverse effects to livestock that may have been exposed to metals detected in river water samples from ingestion or skin contact is low. It is advisable to avoid areas with orange discoloration in the river water.

Although the pH levels between Cement Creek and Durango have returned to baseline levels washing with soap and water after contact with the river water is a sound public health practice to minimize exposure to the metals and bacteria that may be present in any untreated river water.

From: Cristiano, Gina

Sent: Monday, August 10, 2015 7:43 PM

To: Megan Crandall; Donald Hoffheins; larry.wolk@state.co.us; Urdiales, Aaron; Ackerman, Joyce; Allen, HarryL; [Allison.Majure@state.nm.us](mailto>Allison.Majure@state.nm.us); Bahrman, Sarah; Bohan, Suzanne; bsmartinez@fs.fed.us; Buhl, Rick; Butch Knowlton-LaPlata Co EM; Card, Joan; Chavez, Luke; Copeland, Michael; Cristiano, Gina; Crossland, Ronnie; dariotti@utah.gov; david.kreutzer@state.co.us; david.kurz@state.co.us; Dhieux, Joyel; dietrich@utah.gov; director@sjcph.org; doug.jamison@state.co.us; dspangler@utah.gov; dwong@utah.gov; egaddis@utah.gov; Eoc, Epahq; Faulk, Libby; Foster, Althea; Garcia, David; gary.baughman@state.co.us; Gleason, Michael; greg.naugle@state.co.us; Griswold, Hays; Hayes, Mark; Hestmark, Martin; jason.king@state.co.us; Joshua Allan - BIA; Kahn, Lisa; karin.mcgowan@state.co.us; KBousfield@utah.gov; Kortuem, Patrice; kshelley@utah.gov; Land, Kelcey; Laura.Rendon@state.nm.us; Liane Jollon - San Juan Basin HD; llamb@utah.gov; Lloyd, Lisa; Logan, Paul; Madigan, Andrea; martha.rudolph@state.co.us; McComb, Martin; McGrath, Shaun; meghan.trubee@state.co.us; mjblanchard@fs.fed.us; Mohr, Mindy; monica.sheets@state.co.us; Myers, Craig; Mylott, Richard; Nattis, Randy; O'Connor, Darcy; Ostrander, David; patrick.j.pfaltzgraff@state.co.us; Patrick.Longmire@state.nm.us; R8 Documentation Unit Leader; Restivo, Angela; Russo, Rebecca; Saldenha, Jasmine; Sandoval, Joni; Sid Caesar - BIA; Sierra, Eddie; Sisk, Richard; Smith, Paula; Stavnes, Sandra; Stevenson, Peter; Thomas, Deb; tojohns@southernute-nsn.gov; tyson.ingles@state.co.us; Videlich,

Callie; Ward, W. Robert; 'warren.smith@state.co.us'; Way, Steven;
'wbaker@utah.gov'; Webster, Susan; Werner, Phillip
Cc: Freed, Chris
Subject: Gold King Mine statement/update 8/10

The Gold King Mine Release statement/update for 8/10 is attached.

Thank you, Gina

Gina Cristiano

Emergency Response & Planning Coordinator

EPA Region 8

303-312-6688